



Sughrue

SUGHRUE MION ZINN MACPEAK & SEAS, PLLC

2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213

T 202.293.7060
F 202.293.7860

1010 El Camino Real
Menlo Park, CA 94025-4345

T 650.325.5800
F 650.325.6606

Toei Nishi Shimbashi Bldg. 4F
13-5 Nishi Shimbashi 1-Chome
Minato-Ku, Tokyo 105-0003
Japan

T 03.3503.3760
F 03.3503.3756

www.sughrue.com

J. Frank Osha
T 1-202-663-7915
fosha@sughrue.com

May 7, 2001

BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Re: Application of Tsugio TAKAHASHI
MATRIX SWITCH CIRCUIT
Our Ref. Q64325

Dear Sir:

Attached hereto is the application identified above including 32 sheets of the specification, including the claims and abstract, 22 sheets of formal drawings, executed Assignment and PTO 1595 form, and executed Declaration and Power of Attorney. Also enclosed is the Information Disclosure Statement with form PTO-1449 and reference.

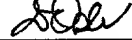
The Government filing fee is calculated as follows:

Total claims	18	-	20	=		x	\$18.00	=	\$0.00
Independent claims	2	-	3	=		x	\$80.00	=	\$0.00
Base Fee									\$710.00
TOTAL FILING FEE									\$710.00
Recordation of Assignment									\$40.00
TOTAL FEE									\$750.00

Checks for the statutory filing fee of \$710.00 and Assignment recordation fee of \$40.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from May 11, 2000 based on Japanese Application No. 2000-138478. The priority document is enclosed herewith.

Respectfully submitted,
SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
Attorneys for Applicant

By: 
J. Frank Osha
Registration No. 24,625

jc997 U.S. PTO
09/849362
05/07/01

jc923 U.S. PTO
05/07/01

09/849362